Munitions and Explosives of Concern (MEC) Survey - Phase III -

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Project Manager

Deseret Chemical Depot
Restoration Advisory Board Meeting
November 15, 2005

MEC Survey

- Performed visual MEC survey of properties south of SWMUs 1 and 25
- Found, staked and reported 5 MEC
- Work was performed by Parsons and supported by U.S. Army 62nd Ordnance Detachment (EOD) and Directorate of Ammunition Surveillance and Inventory

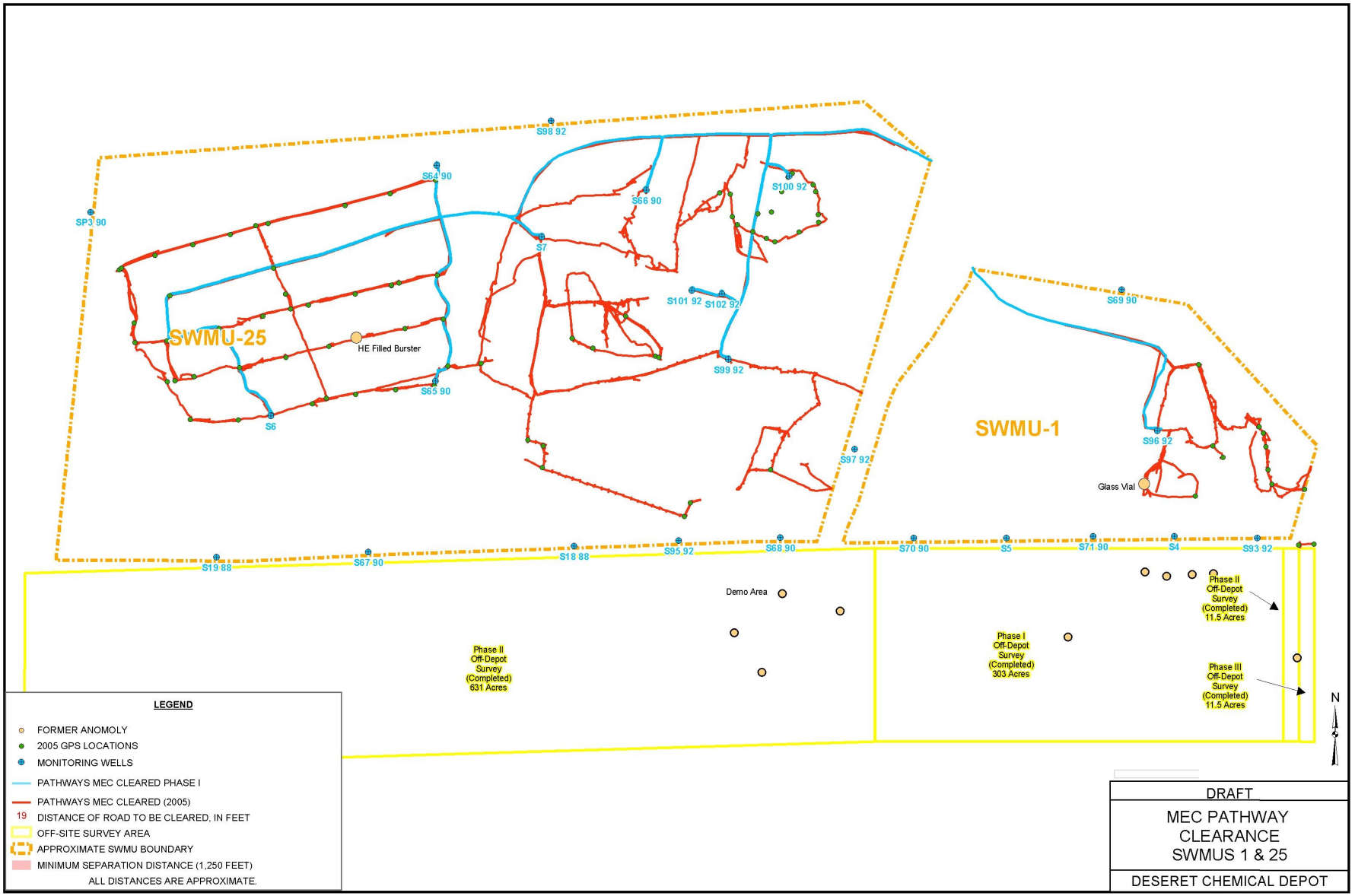
MEC Survey Requirements

- Qualified and trained personnel
- Approved Work Plan and Work Plan Variance
- Quality Control (QC) Program
- After Action Report

MEC Clearance of Off-Depot Location

1. MEC Anomaly Identification: Survey
   1 location (~11.5 acres)
2. Investigation: Visual survey conducted by walking (5-man team)
3. Quality Control: Perform meandering path survey

Map of Survey Areas



MEC Survey Team

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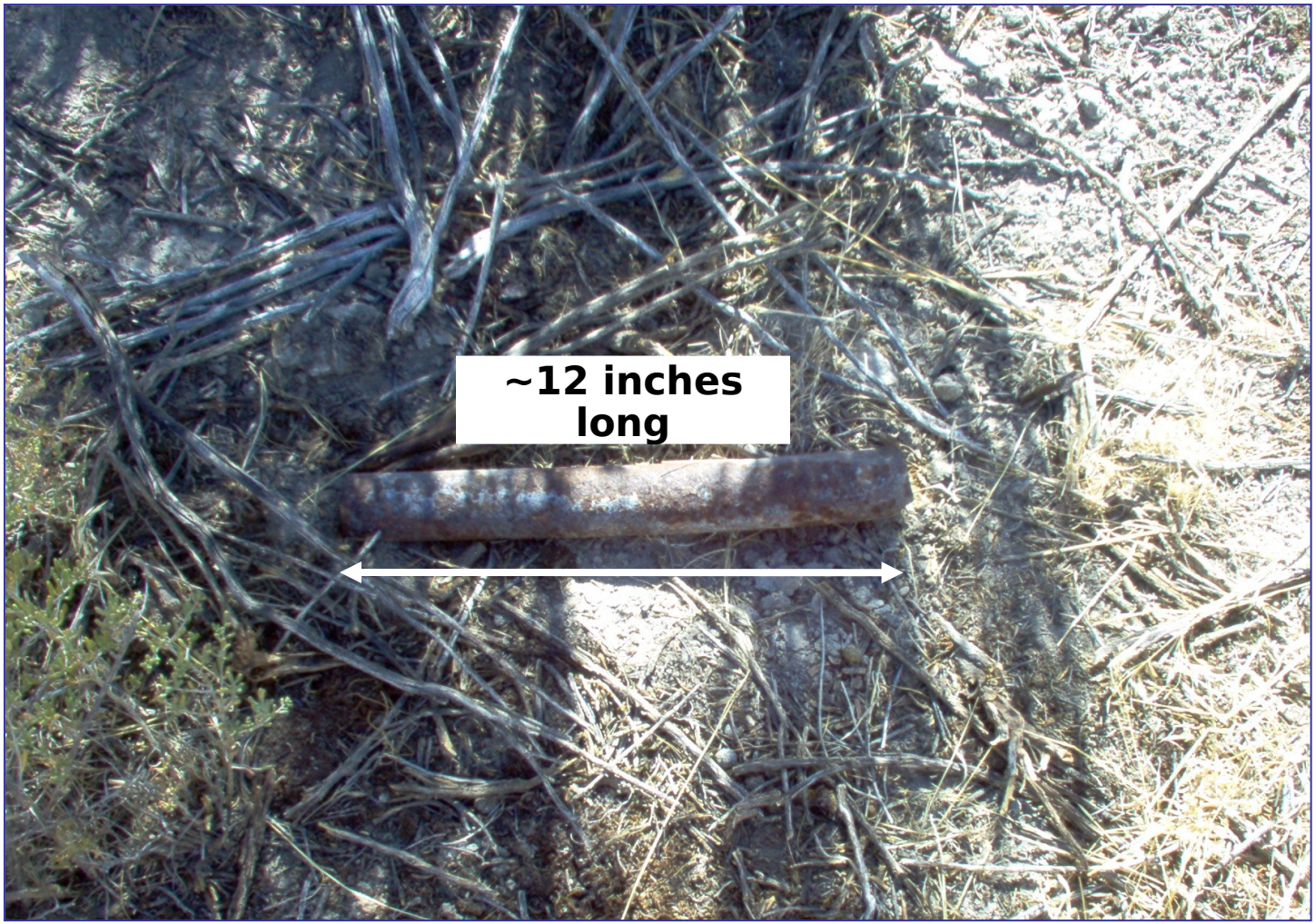
MEC Survey – SWMU 25

- Clear and stake pathways to disposal areas for additional investigations
- 1 MEC item found (High Explosive-filled burster tube)
- Cleared approximately 57,183 feet of pathway

Bomb Burster Tube



MEC Survey – SWMU 1

- Clear and stake pathways to disposal areas for additional investigations
- 1 liquid-filled pyrex ampule found (1 inch in diameter and 7.5 inches long)
- Cleared approximately 10,465 feet of pathway

Glass Ampule

Off-Depot MEC Survey

- Added because of MEC item found during Phase II survey
- 200 feet by 1200 feet (11.5 acres) on State of Utah property
- Recovered approximately 65 lbs. of MEC scrap

MEC Scrap Collected Off-Depot

MEC Survey Schedule

- Field Work – Aug 22 through Oct 23
- Quality Control at SWMU 25 – completed Sep 20
- After Action Report – currently postponed

Questions?